



The Sixth Annual William E. Garrett, Jr., MD, PhD Research Day

Wednesday, June 25, 2025 • 6:30–7:30 a.m. • 12:30–5:00 p.m.

IPE, 311 Trent Drive, Durham – Lecture Hall, Room 1250

Grand Rounds Visiting Professor • JUNE 25 • 6:30–7:30 a.m.

MATTHEW PROVENCHER, MD, MBA, MC USNR (Ret.)



Lessons in Leading Elite Orthopaedists: From Navy to the Ivies to the Patriots Sidelines

Dr. Matthew Provencher, MD, MBA, MC USNR (Ret.), is a prominent orthopaedic surgeon specializing in knee and shoulder injuries. He has published widely, received numerous academic and research awards and grants, and is an active member of many Orthopaedic societies. He is currently a member of the Executive Steering Committee of MOTION, an initiative aimed at improving musculoskeletal care for active and retired military personnel.

After serving as the head Orthopaedic Team Physician for several Navy SEAL teams in San Diego, then as Chief of Sports Surgery at Massachusetts General Hospital, and Head Team Physician for the New England Patriots, Dr. Provencher moved to the Steadman Clinic. Currently, he serves as Chairman of the VailHealth IRB, Co-Director of the Steadman Philippon Research Institute, and Team Physician for the U.S. Ski Team. Dr. Provencher continues to serve in the Navy as a reservist, assigned to SEAL Team 17. As President and CEO of Proven Performance Technology (PPT), he was recently named as Chief Injury and Performance Analyst for FoxSports, where he and his team provide injury and performance insights in the realm of professional and collegiate sports.

• PRESENTATION SCHEDULE •

- 12:30 p.m.** **Matthew Provencher, MD** • Keynote • *Shoulder Instability: A 25-Year Journey from Bench to Bedside...Are We Getting Better?*
- 1:15 p.m.** **Michael Fox, MD** • *Return to Sport Following Midshaft Clavicular Fractures – A Systematic Review and Meta-Analysis*
Christian Kaschak, DO • *Normative Value Standards for Quantitative VOMS (qVOMS): Pediatric Population*
Nandit Patel, PT, DPT • *Adding a Neurocognitive Component to the Y-Balance Test of the Lower Quarter Results in Decreased Performance in a Healthy Population*
- 2:00 p.m.** **Steven George, PhD** • *Big Data, AI, and PROs, Oh My*
- 2:30 p.m.** **Conor O'Neill, MD** • *Evaluation of the Effect of Novel Chondroprotective Irrigation Solution (CPX) on Chondrocyte Viability: A Potential Alternative to Traditional Arthroscopic Fluids*
Olivia O'Reilly, MD • *Auto-Segmentation of the Attached Sites of the Anterior Cruciate Ligament from MRI*
Zach Sitton, MD • *Comparing Patient Reports Outcomes (PRO's) of Patients Who Received an Orthobiologic Injection*
- 3:15 p.m.** **Panel** • *Beyond the Hype: AI, PRO's, Machine Learning, and Big Data*
Jonathan Dickens, MD • Christian Pean, MD • Matthew Provencher, MD • Alison Toth, MD • Jocelyn Wittstein, MD
- 4:00 p.m.** **Julie Amendola, MD** • *The Association Between Cortisone Injection (CSI) and Changes in Uterine Bleeding: A Prospective Observational Cohort Study*
Andrew Gudeman, MD • *Access to CAM Deformities with a T-Capsulotomy Compared to the 'Sneaky T' Capsulotomy*
Kelly Meggs PT, DPT, M.Ed, CSCS • *Does a High Posterior Tibial Slope Influence the Laxity Profile of Patients Who Have Undergone ACL Reconstruction*

